

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute of form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/935,520
				Filing Date	August 23, 2001
				First Name Inventor	Edward Thornton
				Group Art Unit	1761
				Examiner Name	D. Becker
Sheet	1	of	1	Attorney Docket Number	022116-9002

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DEB		3,806,612		Satz et al	4/23/1974	
		4,029,824		Langen	6/14/1977	
		4,214,518		Petsche	7/29/1980	
		6,040,013		Karales	3/21/2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document Office	Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
DEB		EP	0053781		Hubbard et al.	June 16, 1982		
		EP	0181024		Hester Ind. Inc.	May 14, 1986		
DEB		JP	Patent Ab. of Japan vol 2000, no. 6 - & JP2000 069941A		Okuyama	March 7, 2000		

Examiner Signature	<i>Draw Bed</i>	Date Considered	3/22/01
--------------------	-----------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Form PTO-1449  
(Rev. 2-32)INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 022116-9002-01

Serial No. 09/935,520

Applicant Thornton, et al.

Filing Date August 23, 2001

Group 1761

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DEB	8894	06/1835	Otis			
	13,635	10/1855	Bills			
	99,985	02/1870	Wegner et al.			
	205,419	06/1878	Ring			
	463,878	11/1891	Tutt			
	478,630	07/1892	Newhall et al.			
	755,871	03/1904	Helm			
	1,121,429	12/1914	Weinrich			
	1,507,577	09/1924	Browne			
	2,077,088	04/1937	Anderson	259	82	
	2,323,795	07/1943	Clarín	259	72	
	2,577,273	12/1951	Sammis et al.	99	240	
	2,956,943	10/1960	Hoegh	204	213	
	3,032,419	05/1962	Limpert	99	102	
	3,049,986	08/1962	Weber	99	234	
	3,081,070	03/1963	Welsch	259	89	
	3,134,203	05/1964	Roberts	51	164	
	3,709,193	01/1973	Moore	118	19	
	4,458,586	07/1984	Reed	99	494	
	4,785,727	11/1988	Miyata et al.	99	535	
	5,543,163	08/1996	Groves	426	231	
DEB	5,846,587	12/1998	Kelly et al.	426	289	
Examiner	Date Considered					

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*David* 3-22-04